

N.Z.V.R.S. Bulletin

NEW ZEALAND VINTAGE RADIO SOCIETY

Vol. 14 No.3.

November 1993



THE "ULTIMATE" TROPICALISATION TEST

This set which appears to be an early 1950's Ultimate, definitely not an HMV because the dog would be sitting on top of the cabinet not behind it, in a Melanesian setting.

NEW ZEALAND VINTAGE RADIO SOCIETY

A non-profit organisation devoted to the preservation of early radio equipment and associated historical information.

PRESIDENT: Murray Stevenson
82 Waimumu Road
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20 Rimu Road
Mangere Bridge Auckland 1701.
Phone 09-6367712

MEETINGS: Regular Auckland meetings of the NZVRS are held on the third Monday of each month at 7pm.

VENUE: Meeting room of the Dominion Road Methodist Church (at the rear of the Church) 426 Dominion Road Mt. Eden.

AUCTION SALES of vintage articles are held quarterly in the months of March, June, September and December.

AUCKLAND MEETINGS
CALENDAR

NOVEMBER: Dave Brooke-Taylor ex Hi Fi Radio Glen Eden.

DECEMBER: Auction.

JANUARY: To be announced.

WELLINGTON AREA MEETINGS

Monthly meetings are held at the Tireti Hall, Te Pene Ave. Titahi Bay at 1pm on the first Sunday of every month. For further details contact Neville Grubner 2 Peckham Grove. Linden Wellington. Phone 2326806.

THE NZVRS BULLETIN is published quarterly in the months of February, May, August and November.

Contributions from members are always welcome and should be sent to the Editor. Opinions expressed by writers are not necessarily those of the Society.

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75 Anawhata Road Piha R.D.1. New Lynn 1232. New Zealand.

FOUNDING EDITOR: John Stokes
281C Hillsborough Road
Mt. Roskill Auckland 1004.

Classified advertisements are accepted from financial members only. See back cover for further details and please observe the conditions as set out.

BACK NUMBERS OF NZVRS

BULLETIN: Most issues are still available, though some of the earlier issues are now out of print. Price is \$1 each for numbers up to volume 10 and \$2 for issues from volume 10 onwards. Postage is extra. Cheques to made out to NZVRS. Order from John Stokes at the above address.

NZVRS LIBRARY: Members are reminded that our NZVRS library contains a good selection of books plus magazines and newsletters of several overseas societies. A list of publications is available from our librarian: Clarry Schollum 34 Pentland Ave. Mt. Eden Auckland. Phone 09-6307011.

WAIKATO AREA MEETINGS are held regularly, contact Eric Carter 3 Haines Tce. Te Kuiti Ph.07-878888.

NEW MEMBERS

R.L.Devereux	Timaru	R.A.Magowan	Auckland
J.J. Hutchinson	Auckland	J.S.Jaffrey	Australia
M.D.Veldhuisen	Auckland	P.H.Hung	Hong Kong
R.Lee	Auckland	P.C.Anderson	Waihi
R.J.Caldwell	Auckland	T.M.Clements	Whangarei
W.Pai	Auckland	R.May	Auckland
D.L.Bergman	Auckland	J.V.Brinton	Auckland
J.P.Firth	Auckland	G.Mackenzie	Auckland
B.E.Clark	Auckland	N.R.McKenty	Auckland
A.D.Bastow	Auckland	S.A.P.Bass	Auckland
K.J.Barron	Auckland	V.J.Freestone	Auckland
R.A.Marshall	Auckland	R.G.Chatwin	Auckland
H.J.Looker	Nelson	P.F.Mackay	Auckland
B.R.Blackford	Upper Hutt	M.R.Gardner	Amberley

NZVRS MEMBERSHIP FEES

Please note that the NZVRS Subscription rates have been revised. Subscription forms will be enclosed in the February Bulletin. The rates are as follows: All prices quoted in New Zealand currency.

New Zealand residents	\$15.00
Australia and South Pacific	\$19.00
North America and Asia	\$22.00
U.K. and Europe	\$23.50

Overseas rates include Airmail postage.

Bryan Marsh. Treasurer.

FOR SALE by NZVRS

Three core brown cloth covered 230-volt grade cable is available again. The new price is 80 cents per metre, minimum length 10 metres plus postage. Cable as above but with a brown moulded plastic three pin plug in two metre length units, \$2.00 each plus postage. Order from Bryan Marsh. 20 Rimu Rd. Mangere Bridge. Auckland 1701. Please make cheques payable to the NZ Vintage Radio Society.

LETTERS TO THE EDITOR

John Stokes' article on Remler equipment in the May issue kept nagging at me, something seemed familiar but I could not remember the details, then suddenly the penny dropped. Sometime in 1937 while in the Johns Ltd Radio Service Shop, we received a rack mounted power amp from the old Monterey, the original Matson ship that plied the route from Auckland to Los Angeles and San Francisco through Sydney and Fiji.

The amplifier apparently was from some public room such as the lounge or ballroom but it took my eye as it was most unusual in that it was a Loftin White circuit using a single 211, 242 or fifty watt triode. I had experimented with L.W. circuitry as it had been grandly flouted around Johns in earlier times. I believe that old V.R.* or maybe the management of Wellmayde had been coerced into paying for the L.W. franchise. But of all the amps of this type I had made using the regular coupling or blocking cap on the output grid while the LW coupled the driver plate directly to the output grid which required biasing to obtain the usual voltage required, plus the voltage above ground of the driver plate. This came from the filament resistor on the output tube, which in effect reduced the effective output plate voltage. What for ? I never learned. The frequency response of the driver/output stages went down to DC instead of the usual 30Hz using regular RC connections and that was all.

In the case of the Monterey amp, the maximum output power would be no more than ten watts and it required a thousand volt power supply as well as the three hundred volts for the preamps and driver. By looking at the model 21-3 circuitry John shows in his article, it has an autodyne detector using a 57 with no protection from the high level RF overload, a volume control that simply shorts the grid of the 57 detector to ground, and a mercury vapor 82 rectifier which could and did cause RF buzz in other (Majestic sets) and Remler committed a no-no in using a capacitor input filter on the mercury vapor rectifier. The set also lacks an RF bypass such as a .005mfd on the plate of the 47, while the rest of the set has a full complement such as detector plate decoupler and separate screen supplies for the autodyne and RF detectors which are regularly deleted on most other equivalent sets. Altogether a mysterious bunch of circuits.

About twenty years later I made a return trip to the USA. on both the later Monterey and Mariposa and these two ships were fully equipped with Remler amplifiers, intercoms, and cabin switch gear so that passengers could select on-board and radio entertainment. I got to know the electronics officers on board and they gave Remler a thumbs down on design but admitted construction was very good. Apparently because of Remler's San Francisco location, they got contracts with a large number of ships as they could do repairs and overhauls while on their regular turnaround in port.

As John noted, Remler seems to have vanished in the late Forties, their claim to fame may have been sturdy construction including well made mouldings but certainly not electrical design requiring all sorts of strange components.

*Victor R. Johns.

Aloha, Alan Roycroft.

LETTERS TO THE EDITOR

How pleasant it is to read of someone who once listened to the Coconut Grove broadcasts.

We also listened regularly and we lived at Westport on the West Coast. I was then 13 and the year was 1930. My father had, after a great deal of persuading by my mother and myself, invested in a second hand (and obsolete) Stewart Warner wireless, model 305 which had sold in 1925 for in the United States for \$120 (about \$5000 in today's money but in 1925 about 50 pounds or half the price of a secondhand New Beauty Ford). My father of course did not pay anything like 50 pounds for the set was already five years old. It was a five valve receiver using 201As stabilised by adjusting filament rheostats. Each RF stage and the detector stage were separately tuned. I quickly became expert at manipulating two rheostats and three tuning controls and was able to tune in a surprising number of stations including, of course, KFI. We used to listen, using an old but sensitive horn loudspeaker, from about six to seven on many a winter's evening.

Many years later I did an approximate calculation of the gain of the old Model 305 and decided that the RF gain was about 10! And our aerial ran from a post on the fowlyard fence to the house, about fifty feet away, and was some eight to ten feet high. Those were the days - when there was no electronic pollution and every channel was clear.

There were drawbacks. The set ran off batteries- three large and expensive 45v dry batteries and one six -volt lead-acid car battery. The more we listened-in the more the car battery discharged and recharging was done down at the garage where we had bought the set, about half a mile away. I would cart the heavy battery down on my mother's bicycle and then after a few silent evenings go back and pick it up. But it was worth it to be able to hear from KFI and other wonderful places, all of which I expect are now obliterated.

Bob Gilbert
Lincoln

OBITUARY

IVAN GEE. ZL1AQO

Ivan A. Gee an NZVRS member since 1981 and a life member of Branch 03 Western Suburbs NZART since 1962, passed away on September 17th 1993. Ivan's interests included collecting, restoration, early broadcasting and manufacturing .

LETTERS TO THE EDITOR

In response to Harold Ault's plea in his August letter asking for any memories of the KFI Coconut Grove broadcasts of the thirties, may I offer some notes.

The HMV radio he described would have been a long and medium wave "Transportable", an eight tube receiver developed by EMI in the UK around 1935. It used a two volt wet cell and 180 volt B and C battery. In their quest for a high class portable radio, the design seemed to have got away from them so that in the end the set was classified as "Transportable" and just barely. The cabinet was a heavy walnut affair, the RF section had a tuned amplifier, separate oscillator and a very low frequency IF amplifier. The output was pushpull "Quiescent" pentodes into a large eight inch dynamic speaker. As it was impossible to lift the set unless a major effort was made, the cabinet rested on an eight inch turntable that permitted the built-in antenna to be orientated toward the signal source. A model number 455 seems to ring a bell.

As far as the sending end is concerned, Earl C. Anthony ran a business, and a very successful one, selling Packard cars and Bulova watches and clocks. In the twenties he had a station with a call like KLDD on around 1220KC (I am sure there will be someone out there with more accurate information) and then around 1930 the depression kicked in and a station with 10kw on 640KC became available. Anthony grabbed it as it had a clear channel rating that permitted 50KW of power. He contracted with RCA to supply and install a new type transmitter, an amplitube Western Electric 50kw transmitter. Anthony purchased 100 acres of land out in the then wilds of Santa Ana where he erected a Spanish style transmitter building and two self supporting towers to carry the wire antenna used at that time. It was known at this time that such common type of two tower antenna supporting a "T" type wire were quite directional so the towers were set up to boost the signal towards the US Midwest. By accident, not design, the reciprocal of this beam directed s signal towards NZ. where it became an easy catch for anyone with an Atwater Kent, Stewart Warner and even Majestics, particularly around the early evenings. That is, it was easily received until the NZ. Government decided on the umpteenth frequency change for NZ."A" stations so that 1YA was moved to 650KC which most effectively shut off KFI and caused a ruckus in the newspapers, all to no avail.

Nowadays any visitor to California usually heads toward Disneyland and if they are interested, they will pass the old KFI transmitter site within a few hundred yards while on the Santa Ana freeway. There is now only one tower but the Spanish transmitter hacienda is very noticeable. Here is a quiz, what was the most popular song broadcast from the Coconut Grove remote, from the Ambassador Hotel, at the height of the KFI popularity in NZ.? Masquerade of course.

Aloha
Alan L. Roycroft
Hilo

WITH THE COLLECTORS (17)

H.J. (Digger) Holmes



Photo courtesy of N.Z. Herald.

Having a lifelong interest in radio made it more likely that Digger Holmes would eventually become a collector, and such has proved to be the case. Nowadays Digger has a well presented collection of old radios housed in a large building at the rear of his house. Sets on display vary in age from a 1925 Stewart-Warner to a 1937 Philips 352A, with the greatest concentration being in the 1930s.

However the radios have to compete for space with such other treasures such as a player piano, a music box, a large home made telescope as well as various phonographs, gramophones and telephones. Undoubtedly the most impressive object is a large electronic organ constructed by his late brother Bruce, himself a radio man and former member of the NZVRS. And that's not all. Another building houses a 1909 Darracq vintage car which has taken 23 years to restore.

"DO IT YOURSELF" KIWI

by Des Wright

A recent change of law now allows John Citizen to do his own electrical wiring and repair's subject to inspection and approval by a qualified person. Having seen some of this homespun wiring over the years one can only hope this will remove any dangerous lashups.

In radio's heyday the console set and floor radiogram were the peak of top sounding radio performance. Due to the size of the sets it was the usual thing to make house calls and a certain number of repairs were done in the home. The more serious faults required the removal of the chassis for workshop attention.

These recollections concern the USA imported sets fitted with 2 core flat twin rubber covered mains flex, (figure 8 trurip) and usually brown in colour.

A call to a Titirangi house, a Gulbransen console. The fault required the removal of the chassis -problem- the mains lead went down through a hole in the floor. Upon enquiry to the Lady of the house she said that her husband had made an extension lead under the house and it comes up here to this power point. It was explained that this was not good practice and I would have to cut the cord to be able to take the set away. It was further pointed out that I would have to fit a three wire flex and plug to comply with electrical regulations and under no circumstances could I reconnect to the present extension and indicated that they should have a socket installed for the radio. This was agreed to and the extension unplugged and with my trusty sidecutters I cut into the flex. Boom, flash, followed by an OH DEAR... are you all right? A bit dazzled by the flash but no shocks. The sidecutters had big gaps in them. What gives? I am sorry, my mistake but that is for the lamp... this one is the radio. Now somewhat shaken I gave the good Lady the full story about this sort of wiring and pointed out that they could be denied insurance if there was a fire and inspection found illegal wiring. I understand that the Lady had a little chat with her husband about how the radio man was nearly electrocuted with his Mickey mouse wiring so having got the message put things right.

At Royal Oak a similar sort of radio and through the floor extension but in this case the cord was so short and tight that I could not move the set away from the wall. Again explaining the situation to the Lady of the house I asked if I could go into the basement to slacken the cord... yes go ahead. Danger... the extension was made up of several different pieces of grotty flex and the joins covered with lengths of bicycle inner tube. More about this handy material later. Again I explained the position and the need to cut the cord, plus the new three core flex and plug.. and their having a socket for the radio installed. I will have to see my husband first about it and will let you know. Never heard any more.. did not even get paid for the call. How to become rich repairing radio sets?

A Gulbransen table radio set was sent to the workshop from Blockhouse Bay. Some minor fault was fixed but the familiar brown flex was covered its full length with bicycle inner tube. On removing the tube one could see why?? It was crumbling away and wire exposed. This

was duly replaced with three core flex and plug and the tube into the rubbish bin, and the radio now nicely fixed returned to the owner.

Back it came a couple of days later.... with a strong letter questioning the ancestry and knowledge of the serviceman who worked on his radio. Did this chump not know the purpose of the bike tube? Claim was that the owner had suffered bad interference and had got rid of it by fitting the inner tube over the power cord. Replace the tube or else... A new tube was obtained and fitted and the set returned. It must have satisfied the owner as no more was heard. We learn something new every day.

These experiences make the job interesting and sometimes a little hazardous.

Many earlier homes had too few power sockets and this led to the makeshift extensions. I do recall many inner-city boarding houses and rooms with no power sockets at all. From the lighting circuit a bunch of two way adaptors supplied light, radio, and often a heater and small hotplate cooker. This was in the D. C. days too. Truly frightening.

THOUGHTS ON SERVICING OBSERVATION

by DES SMITH

These items will be perhaps of more use to the more experienced collector.

Watch for: (1) Valves in wrong sockets or wrong valve types.

(2) Bits and pieces missing from set

(3) Evidence of mice or burn up.

(4) Check for odd bits and pieces including missing speaker.

(5) Keen observation can often save much time when actual servicing of the set starts.

Drawing out: If any major component is removed for replacement or check *draw it out* on paper. Include colour coding pattern especially for IFs, coils, sound outputs and power transformers. This can save a lot of wasted time and lack of results.

Component replacement: If cutting off condensers or resistors for checking, never cut off flush with the point or valve socket. This often saves components or leads being put back on the wrong circuit points at the time of reconnection.

Faults book: Get a good note book and write down faults found, especially on odd types of sets. This can save much searching for faults in future servicing of some sets and can often become a mine of useful information if done over a period of years.

ANOTHER GOODIE COMES TO LIGHT

John W. Stokes

To confirm my belief that unexpected goodies are still out there waiting to be discovered is the arrival of this Jackson-Bell shortwave converter, now in the capable hands of Eric Kirby in Tauranga. Eric, as many NZVRS members will know, has since his retirement been very active in the Radio Section of the Tauranga Historic Village Museum. Incidentally, to those who have not been there, it is a place well worth a visit. I have been urging Eric to send in some pictures and a write-up of the work he has been doing, but so far without success. Apparently modesty forbids him!

However, Eric did send me some 'before' and 'after' pictures of the Jackson-Bell converter which clearly show the sorry state it was in and the amount of work needed on both chassis and cabinet. As can be clearly seen, the finished job is a great credit to him.

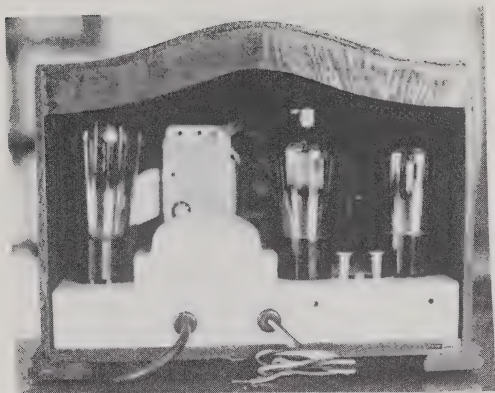
As far as is known, this is the only one in the country and would be rare even in the land of its origin. It appears to be the only model made by Jackson-Bell, not that this in itself is unusual as most contemporary manufacturers made only one model. Fortunately, it was not difficult to identify as the circuit was in both Rider's and Gensback's service manuals where it was listed as model 33. The page in Gensback contains some additional data, including a date "4-1-32" (April 1, 1932), together with the initials "W.K". Floyd Paul* mentions that a Bill Kennedy was draughtsman for Jackson-Bell so it seems likely that this was the W.K. furthermore, many Jackson-Bell circuit carry the initials "W.P. K.", so this could also be the same person.

As can be seen from the circuit, the model 33 uses a 24A mixer together with a 27 oscillator inductively coupled. The tuning range is 18 to 180 metres split into three bands with a 4th switch position being used to change the aerial from the converter to the main set as needed. Unlike some contemporary makes which obtained their HT (B+) from the main receiver, the J-B 33 has a self-contained power supply. This particular specimen was obviously an export model as it has a 230-V power transformer and has (had!) the words MADE IN USA ink stamped in large letters on the rear of the chassis.

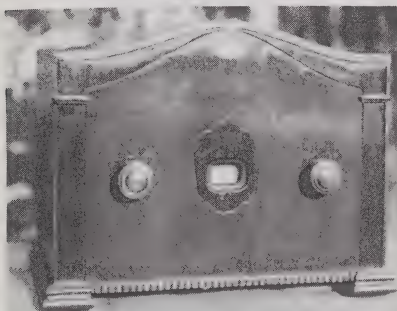
During the brief heyday of the short wave converter in the U.S., most of the larger receiver manufacturers got into the act by producing at least one model in 1932. Familiar names were: Atwater-Kent, Majestic, Philco, RCA, Silver-Marshall, Sparton, Stewart-Warner. Jackson-Bell appears to have been the only West Coast entry. The coming of multi-band receivers in 1933 effectively put a stop to further production.

The first N.Z. manufacturer to produce a shortwave converter was Radio who had their model 312 on the market in 1932. Two other firms known to have produced shortwave converters were Collier and Beale and Radio Corp. who each marketed a model in 1935, rather late in the day, but that is another story.

* Los Angeles Radio Manufacturing. The First Twenty Years. (1922-1942), Floyd A. Paul.

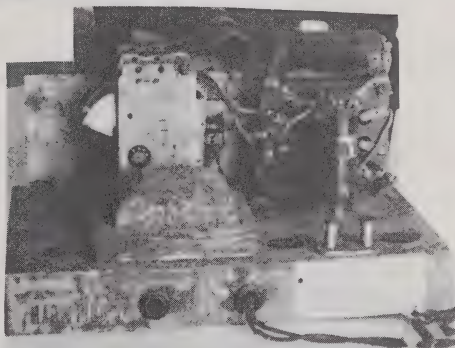


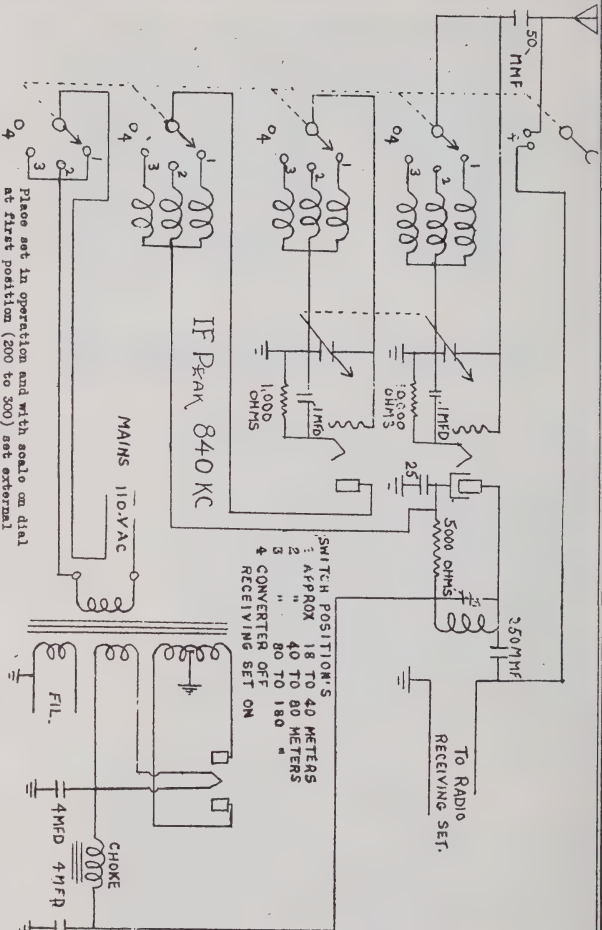
After



After

The chassis before.





Place set in operation and with scale on dial at first position (200 to 300) set external oscillator at 1710 kc and adjust oscillator trimmer on variable condenser. The oscillator trimmer is the second section viewed from the front of the chassis. Next adjust front trimmer to resonance and maximum output.

To check the 127 oscillator tube, set the dial at approximately 55 meters. Now, reading, the screen grid voltage, touch the grid winding of the oscillator system with the finger. The screen voltage should mount 20 volts.

JACKSON-BELL CO., LTD.

MODEL 33

EXHIBITION III

John W. Stokes

Held in the N.Z. Organ Society's hall in Hillsborough Road on the weekend of 18-19 September 1993, the third NZVRS public Vintage Radio Exhibition proved to be an outstanding success, judging by attendance figures and the many favourable comments received from visitors and members alike. The new venue proved to be entirely suitable for our purpose, having both front and rear entrances and extensive off-street parking.

Although the location in Hillsborough Road was a bit off the beaten track for some people, no case of anyone getting lost was reported! Advance publicity was provided by some hard working committee members who, a few weeks beforehand, erected a large sign adjacent to the hall. This sign was topped by an enormous dummy cathedral radio (constructed by Ned Match) which proved to be quite a landmark.

Preparations commenced on the Friday afternoon with the setting up of tables and signs to allow for the influx of exhibits which continued to arrive until well into the evening. As in the cases of the previous exhibitions, a posse of vigilantes slept on the premises during the two nights as a security measure, but their dreams were undisturbed! Earlier on misgivings had been expressed by some people as to the likelihood of damage to radios during the exhibition but it is pleasing to report that such fears proved to be groundless.

As it was nine years since the last exhibition had been held, many newer members had not seen either of the two previous events and so could not make comparisons, but they can rest assured that this one was well up to scratch that the new venue was eminently more suitable than the old. Already the question being asked is - When's the next one to be?



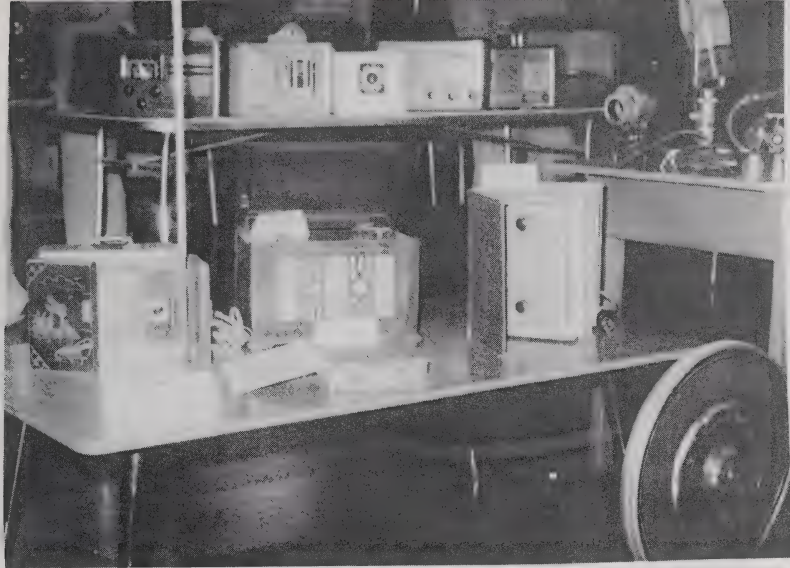
Murray Hall
and Eric Kirby
ponder over
some problem.



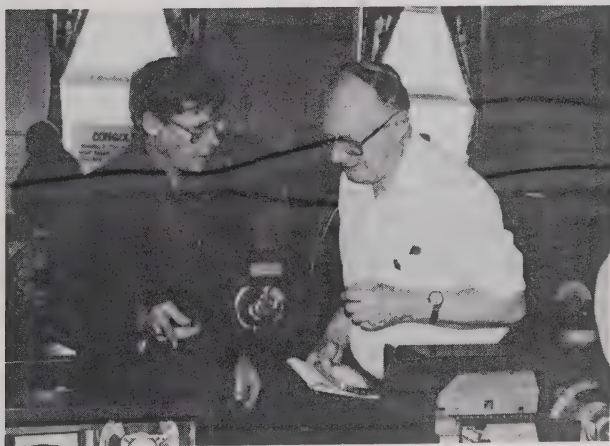
A view across the hall with some cathedrals in the foreground



Frits Willemsen and Ray Knowles share a joke.



A selection of small and novelty radios plus some speakers and microphones.



Preaching to
the converted.
Ian Sangster
and
Ray Knowles.



Visitors to the
Exhibition were
greeted in the
lobby by this
magnificent
A.K. console

AVAILABLE

Valve cartons: small 10c, G.T. 10c, medium 12c and large 18c. Any quantity available, all plus postage. Majestic 181, some cabinet parts available.
Paul Burt. 44 Hastings St. Christchurch 2. Ph. 03-3327517.

WANTED

Service manuals for AKAI reel to reel tape recorders, models M7 and X2000SD.
Eric Kirby 52 Whitaker St. Tauranga 3001.

Knob for front of HMV 462 portable and two PT2 valves for same. Valves and speaker for Stewart Warner 300. Bruce Barnett. Wanaka. Ph. 03-4437961 work, 03-4437476 home.

PHILIPS PEN KNIFE

I recently obtained this elaborately engraved promotional pen knife locally. As you may see it has an illustration of an early four pin valve with the lettering "Philips Miniwatt B405" on it. I guess this would date the age of the knife. I have never seen one of these before. It is 85mm long and although beautifully finished has no country of origin on it. It appears too expensive an item to give away to customers so I presume it may have been used as a gift from Philips to dealers at Christmas time.

Alan S. Brehaut
Timaru



WANTED

AWA Radiolettes. Interested in all types, especially ivory or green Empire State and black/green "38" type. swap for sets in available list. Also want Healing 'Scales', Astor Mickey, Astor GS (all colours) and small cathedrals. Simon Wade address in available list.

Dial scale and circuit daigram for EKCO AC86.

Chris Hollis. 13A Princes Street Cambridge. Ph. 07-8276046.

"Radio Constuctor" Vol 1 to Vol 18 inclusive, bound volumes or single; also any copies of "Model Engineer" early volumes or single copies.

E. Hakanson. 17 Williamson Ave Grey Lynn Auckland. 2. Ph. 09-3766059.

AVAILABLE

For swap: Very rare Sonorette, EKCO AD97 (black and white), Catalin green/black Bendix, orange FADA bullet, maroon/white Addison, Philips 636, 630, "Hamtin", AJS model Z (1925), Fellows 2 valve (outside) sloping panel (1923), Brownie #3 crystal set, stylish 1930's, rare 1920's. Simon Wade, "Finchcroft" Broadwater Down, Tunbridge Wells, Kent TN2 5PE, England. Ph. (44) 892.543505 home, (44) 71.623.5530 office.

WANTED

A chassis to suit my vacant radio phonograph combination cabinet. It is a Canadian Rogers, manufactured by Standard Radio Manufacturing Corp Toronto, 485mm wide by 350mm deep with a 5 gang tuning condenser. I presume it to be a 1930 7v. TRF model 680, a 1929 8v. TRF model 833 or a 1929 7v. TRF model 400C. A 10" or 12" Jensen or Magnavox speaker to suit. A phonograph motor tone arm and table to suit, Green Flyer brand manufactured by General Industries Elyria Ohio USA. I will travel any distance in the North Island to acquire or freight at my expense outside the North Island. Acquisition price no object! A most desirable swap to acquire these items would be favourably considered. A chassis for Clarion 1931 AC80 table model (cabinet same as AC90 see More Golden Age p154). Four black domed hexagonal knobs for 1934 Philco, one large and three small. Skyscraper 1933 5v. 5BB or 533 chassis and speaker (same cabinet as Mission Bell p100 Golden Age). Speaker for a Majestic 130A console, 10" floor mounted. Chassis for 1931 or 32 Matheson bell midget, 4v. or 5v. with two controls very low down on the front of chassis. Probably manufactured by Ozarka. Any cathedral radios, complete or cabinet or chassis only. Condition immaterial.
Mark Thomson. 7 Danbury Drive Torbay Auckland. Ph. 4738388 a/hrs collect.

Valves, STC 4300A, STC4310A. Western Electric amplifiers 86, 91A, 1086. Western Electric parts, transformers, technical manuals, circuit for W.E. 91A amplifier (published in International Projectionist November 1936). Lowther speakers and amplifiers.
John Rivers. 31 Park Road Palmerston North. Ph. 06-3593094.

One white Ultimate Cygnet RBZ knob, chassis for Ultimate NS 5v bc (see p.73 Golden Age) and two crank knobs for Ultimate BCU 1937. A mantle cabinet for Bosch 660C and a dial scale for a Murphy M66 F&P made model.
Des Smith. 156 Rangitoto Road Papatoetoe Auckland. Ph.09-2783541.

50 and 75 turn honeycomb coils. Kenneth. S. Jaffrey. 9 Mandalay Ave. Nelly Bay Queensland 4819 Australia.

A good 6F5 valve and 5 knobs for 1936 Ultimate (see 2nd row two leftmost radios p.131 More Golden Age or top left p.133).
Doug MacKenzie. 60 Pacific St. Dunedin. Ph. 4672182.

Base and driver for AJS horn speaker (standard). Barry Houston. 46 Croydon St. Christchurch. Ph. 3324730.

Chassis for Gilfillan 5 (see More Golden Age p.162). Console cabinet for motor drive tuning Pilot, looks like Ultimate (see Golden Age p.72).
Bryan Marsh. 20 Rimu Road Mangere Bridge. Auckland. Ph. 6367712.

Stewart-Warner peephole dial escutcheon, has one attachment hole bottom centre and two others either side of the peephole.
Ian Sangster 75 Anawhata Road Piha RD1 New Lynn 1232. Auckland. Ph. 09-8149597.

WANTED

Two Radiolette badges, new or used. Back for 361A Philips or swap for Mullard X30 in excellent condition.

Des Leonard 49 Williamson Ave Takapuna. Ph.4456421.

Voltage selector unit, complete rectifier deck or complete chassis for Philips 361A. Circuit or valve line up for Grampian MA 5-10B amplifier and type 56 preamp.

W.Meiklejohn 56 Kokich Cres. Onerahi Whangarei. Ph.09-4361922.

Valves 12AT7, 12AU7, 12AX7, 12BH7. Mullard M8162, M8136, M8137. RCA/GE 5751, 6201, 6189, 6197, 6350. Power tubes 807, KT66, KT88, 6550A, 300B, 211/VT4C, 845. Plus other old and hard to get valves etc. RCA and similar receiving and transmitting valve handbooks.

Ross Chatwin. 94 Vale Rd. St. Heliers Auckland 5. Ph.5753355.

Hallicrafters Sky Challenger complete set in any condition or all knobs, S meter with escutcheon, bandspread dial and circuit diagram.

G.L.Barker. 157 Sparks Road Christchurch 2. Ph. 03-3384640.

Headband and phone cord for Brandes earphones. 12 volt 4 pin Oak vibrator (not used).

Mike Edwards. 6 Melody Lane Otahuhu. Ph. 09-2767573 collect.

Layout of routed grooves in a Gilfillan GN2 lid (see p162 More Golden Age) plus location of all metal fittings, screw holes in lid and r.h. top side panel and battery meter. Is a GN1 meter the same? Riders Trouble Shooter Manuals vol.3 and above to complete collection. Cabinet for AK 286 or 356 (see p92 Golden Age). Will be in Wellington area in December can visit and collect. Paul Jenner. 94 Rawhiti Ave. Box 241. Matamata. Ph. 07-8888695.

AWA Radiolettes, any model, colour or condition.

Dieter Bardenheier. 50A Park Rd. Titirangi Auckland 7.

Gulbransen 7D cabinet in good condition.

Ian King. 248 Crawford St. Invercargill. Ph. 03-2174168.

Following parts for a Philco 77: two working 45 valves, one 27, four 24A preferably all S bulb and two tin capacitor cans rectangular in shape 82.5mm long 42mm high and 13mm thick leads come out the end.

J.D. Reid. 15 Dunbar Pl. Tokoroa. Ph. 07-8863983 bus. or 07-88667734 home.

Four valve shields for an Echophone S5, four valve shields for a Philco71E. Any cathedral radios. AWA Radiolettes, Radiolas and any spare parts. Philips and Mullard extension speakers. Valves and valve shield for Philips 2510.

Bob Cook. 3/475 Blockhouse Bay Rd. Blockhouse Bay Auckland. Ph. 09-6266241.

MARKETPLACE

Advertisements for the next issue must reach the Editor by the 17 January 1994. Ads should be either hand printed or typed on a separate page. Note: no verbal or phone ads will be accepted. Remember to include your name, address and phone number. There is no charge for ads but the NZVRS is not responsible for transactions between members. Address ads to; Ian Sangster 75 Anawhata Road Piha R.D.1 New Lynn. 1232.

AVAILABLE

Be the proud owner of a restored Philips Radioplayer 666D. Yes you can restore this 1934 set, in good condition, for \$100 to anyone else \$125. See p115 More Golden Age. Never a poor buy from Doug Virtue 03-2488585 Kingston. Complete with valves and knobs. Not going, you make it go. Pay freight. Please. Also Columbus 26N and 173 for sale.

1958 "Bell Box" 17" TV set. Easily restorable. Complete. With spare chassis, 2 picture tubes (1 new), spare new transformers, circuit etc. \$450. Visual indicators (magic eye tubes). Several types, most brand new. Send S.A.E. for list and prices.
Brett Holden. 66 Allendale Rd. Auckland 3. Ph. 09-3079999 ext 8758 bus. 8460234 home.

Assorted vintage radios and equipment. Garage sale Sat 20th Nov, starting 10am, at 8 Kilduff Place Mairangi Bay. Ron Purdy. Ph. 09-4785350.

1926 Radio Call Book 240 pages with lots of ads and homebuilts, for example Browning Drake, St. James etc. 1928-57 NZ, UK and US ham magazines. 1933, 1939 and 1945 NZ Radiograms. 1928 Scotts Radio Handbook. Will swap for brass tuners, crystal detectors and W.H.Y. Write to T. Warbrooke 74 Rauhuia Cr. Parau Auckland.

Approximately 50 radios free for removal plus other radios for sale at very reasonable prices. Many radio parts will be given away. Note: No inspection available prior to starting time of 9.30 am on Saturday 27th November at "Melody Park" 38 James Laurie St. Henderson.

Stunning art deco console, Majestic 465 Lido (see Golden Age p107).
Dieter Bardenheier. 50A Park Road Titirangi Auckland 7.

Philips 594 complete and Philips 597 mostly complete, both in reasonable order. Ultimate BWU in vertical cabinet minus speaker, ARTS sticker (D) mostly complete, some borer. Madison radio horizontal cabinet, octal valves approximately 1938. HMV 3508 complete. PYE PZ106 complete. Gulbrandsen 397 octal bare chassis. Ultimate RBO complete. All offers considered. Western Electric 555 horn speaker drivers to swap with items on my wanted list or a horn speaker for a radio.
Paul Jenner. 94 Rawhiti Ave. Box 241 Matamata. Ph. 07-8888695.